

|   |  |  |  |                                 |  |
|---|--|--|--|---------------------------------|--|
| Substitute for form 1449B/PTO   |  | ATTORNEY DOCKET NO.<br>3799.1002-000   |  | APPLICATION NO.<br>10/506,387   |  |
| <b>SUPPLEMENTAL INFORMATION<br/>DISCLOSURE STATEMENT<br/>IN AN APPLICATION</b><br><br><b>LISTING OF REFERENCES</b><br><br><b>August 13, 2009</b><br>(Use several sheets if necessary) |  | FIRST NAMED INVENTOR<br>Joachim Kiefer |  | FILING DATE<br>January 25, 2005 |  |
|   |  | EXAMINER<br>Helen Lee Pezzuto          |  | CONFIRMATION NO.<br>1646        |  |

| U.S. PATENT DOCUMENTS |          |  |  |  |  |
|-----------------------|----------|--|--|--|--|
| Examiner's Initials   | Ref. No. | DOCUMENT NUMBER<br>Number-Kind Code (if known) | ISSUE DATE /<br>PUBLICATION DATE<br>MM-DD-YYYY | NAME OF PATENTEE OR APPLICANT<br>OF CITED DOCUMENT |  |
|                       | AH3      | 2002/0015879 A1                                | 02-07-2002                                     | Gascoyne, <i>et al.</i>                            |  |
|                       | AI3      | 2003/0012988 A1                                | 01-16-2003                                     | Gascoyne, <i>et al.</i>                            |  |
|                       | AJ3      | 2004/0096734 A1                                | 05-20-2004                                     | Calundann, <i>et al.</i>                           |  |
|                       | AK3      | 2004/0127588 A1                                | 07-01-2004                                     | Calundann, <i>et al.</i>                           |  |
|                       | AA4      | 2004/0131909 A1                                | 07-08-2004                                     | Soczka-Guth, <i>et al.</i>                         |  |
|                       | AB4      | 2004/0247974 A1                                | 12-09-2004                                     | Uensal, <i>et al.</i>                              |  |
|                       | AC4      | 2005/0053820 A1                                | 03-10-2005                                     | Calundann, <i>et al.</i>                           |  |
|                       | AD4      | 2005/0084727                                   | 04-21-2005                                     | Keifer, <i>et al.</i>                              |  |
|                       | AE4      | 2005/0118477                                   | 06-02-2005                                     | Kiefer, <i>et al.</i>                              |  |
|                       | AF4      | 2005/0118478                                   | 06-02-2005                                     | Keifer, <i>et al.</i>                              |  |
|                       | AG4      | 2005/0147859                                   | 07-07-2005                                     | Christ, <i>et al.</i>                              |  |
|                       | AH4      | 2006/0210881                                   | 09-21-2006                                     | Calundann, <i>et al.</i>                           |  |
|                       | AI4      | 5,098,985                                      | 03-24-1992                                     | Harris, <i>et al.</i>                              |  |
|                       | AJ4      | 5,218,076                                      | 06-08-1993                                     | Madison, <i>et al.</i>                             |  |
|                       | AK4      | 5,312,895                                      | 05-17-1994                                     | Dang, <i>et al.</i>                                |  |
|                       | AA5      | 5,492,996                                      | 02-20-1996                                     | Dang, <i>et al.</i>                                |  |
|                       | AB5      | 5,599,639                                      | 02-04-1997                                     | Naoya <i>et al.</i>                                |  |
|                       | AC5      | 5,674,969                                      | 10-07-1997                                     | Sikkema, <i>et al.</i>                             |  |

|  |                 |                 |            |
|--|-----------------|-----------------|------------|
| EXAMINER   | /Helen Pezzuto/ | DATE CONSIDERED | 09/13/2009 |
| ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH |                 |                 |            |

/HP/

|  |  |                          |                                 |
|--|--|--------------------------|---------------------------------|
| Substitute for form 1449B/PTO<br><br><b>SUPPLEMENTAL INFORMATION<br/>DISCLOSURE STATEMENT<br/>IN AN APPLICATION</b><br><br><b>LISTING OF REFERENCES</b><br><br><b>August 13, 2009</b><br><br>(Use several sheets if necessary) | ATTORNEY DOCKET NO.<br>3799.1002-000   |                          | APPLICATION NO.<br>10/506,387   |
|  | FIRST NAMED INVENTOR<br>Joachim Kiefer |                          | FILING DATE<br>January 25, 2005 |
|  | EXAMINER<br>Helen Lee Pezzuto          | CONFIRMATION NO.<br>1646 | GROUP<br>1796                   |

|  |     |              |            |                          |
|--|-----|--------------|------------|--------------------------|
|  | AD5 | 6,264,857 B1 | 07-24-2001 | Kreuer, <i>et al.</i>    |
|  | AE5 | 7,235,320 B2 | 06-26-2007 | Calundann, <i>et al.</i> |

We are not listing separately any prior U.S. Patent Office communications regarding the cited application(s) because the Examiner has access to any such actions through PAIR.

|   |                 |                 |            |
|---|-----------------|-----------------|------------|
| EXAMINER  | /Helen Pezzuto/ | DATE CONSIDERED | 09/13/2009 |
| ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH /HP/ |                 |                 |            |

|  |   |                                 |  |  |
|--|---|---------------------------------|--|--|
| Substitute for form 1449B/PTO<br><br><b>SUPPLEMENTAL INFORMATION<br/>DISCLOSURE STATEMENT<br/>IN AN APPLICATION</b><br><br><b>LISTING OF REFERENCES</b><br><br><b>August 13, 2009</b><br><br>(Use several sheets if necessary) | <b>ATTORNEY DOCKET NO.</b><br>3799.1002-000   |                                 | <b>APPLICATION NO.</b><br>10/506,387   |  |
|  | <b>FIRST NAMED INVENTOR</b><br>Joachim Kiefer |                                 | <b>FILING DATE</b><br>January 25, 2005 |  |
|  | <b>EXAMINER</b><br>Helen Lee Pezzuto          | <b>CONFIRMATION NO.</b><br>1646 | <b>GROUP</b><br>1796                   |  |

### FOREIGN PATENT DOCUMENTS

| Examiner's<br>Initials | Ref.<br>No. | DOCUMENT NUMBER<br>Country Code-Number-Kind Code<br>(if known) | DATE<br>MM-DD-YYYY | NAME OF PATENTEE OR APPLICANT<br>OF CITED DOCUMENT | TRANSLATION<br>YES NO |  |
|------------------------|-------------|--|--------------------|--|-----------------------|--|
|                        | AO4         | CA 2 491 239 A1  | 01-08-2004         | Pemeas GMBH  |                       |  |
|                        | AP4         | CA 2 496 589 A1  | 03-25-2004         | Pemeas GMBH  |                       |  |
|                        | AQ4         | CA 2 498 370 A1  | 04-08-2004         | Pemeas GMBH  |                       |  |
|                        | AL5         | EP 0 265 921 A3  | 05-04-1988         | Hoechst Celanese Corporation                       |                       |  |
|                        | AM5         | EP 0 476 560 A1  | 09-16-1991         | The Dow Chemical Company                           |                       |  |
|                        | AN5         | JP 2003022709  | 01-24-2003         | Toyo Boseki  |                       |  |
|                        | AO5         | JP 53-97988  | 08-26-1978         | Toyo Soda Mfg Co Ltd                               |                       |  |
|                        | AP5         | WO 02/071518 A1  | 09-12-2002         | Celanese Ventures GMBH                             |                       |  |
|                        | AQ5         | WO 02/102881 A1  | 12-27-2002         | Celanese Ventures GMBH                             |                       |  |
|                        | AL6         | WO 02/36249 A1   | 05-10-2002         | Celanese Ventures GMBH                             |                       |  |
|                        | AM6         | WO 03/007411 A2  | 01-23-2003         | Müller, et al.                                     |                       |  |
|                        | AN6         | WO 03/022412 A3  | 03-20-2003         | Celanese Ventures GmbH                             |                       |  |

|                                    |                                      |
|------------------------------------|--------------------------------------|
| <b>EXAMINER</b><br>/Helen Pezzuto/ | <b>DATE CONSIDERED</b><br>09/13/2009 |
|------------------------------------|--------------------------------------|

|  |   |                                 |  |  |
|--|---|---------------------------------|--|--|
| Substitute for form 1449B/PTO<br><br><b>SUPPLEMENTAL INFORMATION<br/>DISCLOSURE STATEMENT<br/>IN AN APPLICATION</b><br><br><b>LISTING OF REFERENCES</b><br><br><b>August 13, 2009</b><br><br>(Use several sheets if necessary) | <b>ATTORNEY DOCKET NO.</b><br>3799.1002-000   |                                 | <b>APPLICATION NO.</b><br>10/506,387   |  |
|  | <b>FIRST NAMED INVENTOR</b><br>Joachim Kiefer |                                 | <b>FILING DATE</b><br>January 25, 2005 |  |
|  | <b>EXAMINER</b><br>Helen Lee Pezzuto          | <b>CONFIRMATION NO.</b><br>1646 | <b>GROUP</b><br>1796                   |  |

| Examiner's Initials | Ref. No. | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  |
|---------------------|----------|---|
|                     | AV       | Office Action from U.S. Application No. 10/506,880, dated June 29, 2007.  |
|                     | AW       | Office Action from U.S. Application No. 10/506,880, dated February 14, 2008.  |
|                     | AX       | Office Action from U.S. Application No. 10/506,880, dated September 11, 2008.   |
|                     | AY       | Spry, R. J., <i>et al.</i> "Anisotropic Ionic Conductivity of Lithium-Doped Sulfonated PBI," <i>J. Of Polymer Sci.: Part B: Polymer Physics</i> , 35: 2925-2933 (1997) (month of publication not available).  |
|                     | AZ       | Y. Sakaguchi, <i>et al.</i> , "Preparation and Properties of Sulfonated or Phosphonated Polybenzimidazoles and Polybenzoxazoles," <i>Am. Chem. Soc., Polymeric Materials Science and Engineering</i> , 84: 899-900 (2001) (month of publication not available). |
|                     | AR2      | Zouahri, <i>et al.</i> "Synthesis of Ion Exchange Membranes from Ozonized High Density Polyethylene," <i>European Polymer Journal</i> , 38: 2247-2254 (2002) (month of publication not available).  |
|                     | AS2      | Interview Summary from U.S. Application No. 10/506,880, dated April 9, 2009.  |
|                     | AT2      | Office Action made Final from U.S. Application No. 10/506,880, dated April 14, 2009.  |
|                     | AU2      | Advisory Action from U.S. Application No. 10/506,880, dated June 22, 2009.  |
|                     | AV2      | Office Action made Final from U.S. Application No. 10/506,646, dated June 22, 2009.   |
|                     | AW2      | Office Action from U.S. Application No. 10/506,622, dated June 28, 2007.  |
|                     | AX2      | Office Action made Final from U.S. Application No. 10/506,622, dated February 14, 2008.   |
|                     | AY2      | Office Action from U.S. Application No. 10/506,622, dated September 11, 2008.   |
|                     | AZ2      | Office Action made Final from U.S. Application No. 10/506,622, dated April 14, 2009.  |
|                     | AR3      | Advisory Action from U.S. Application No. 10/506,622, dated June 19, 2009.  |

|                                    |                                      |
|------------------------------------|--------------------------------------|
| <b>EXAMINER</b><br>/Helen Pezzuto/ | <b>DATE CONSIDERED</b><br>09/13/2009 |
|------------------------------------|--------------------------------------|